ASSIGNMENT



WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural in 22 1990 ventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement relating to

DOPAMINE RECEPTORS AND GENES

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Office was e	executed	on even date;	Letters	Patent to	o be	filed	in	the	United	States	Patent	and	Trademark
I for which and Tradem.	h U.S. A ark Offic	pplication Series on <u>Hovem</u>	ial No per 20	<u>07/438</u> J. 1989	,544	<u> </u>	for	Lette	ers Pat	ent was	filed in	the	U.S. Patent
and for PCT/	which a	n internationa , designa	l Applicating the	ation wa	es file States	ed on		····				·····	•

AND WHEREAS. State of Oregon, acting by and through the Oregon State Board of Higher Education, acting for and on behalf of the Oregon Health Sciences University, Portland, Oregon.

hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereof, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, and prolongations thereof, ASSIGNEE and its assigns and legal representatives to have, hold, exercise, and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patents which may be granted therefor, including any and all renewals, reissues, and prolongations thereof, with all the rights, powers, privileges, and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE or its assigns or legal representative and to execute any other papers that may be needed in connection with filing said application and securing a Letters Patent thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR.

	•	
FULL NAME OF SOLE OR FIRST INVENTOR	INVENTOR'S SIGNATURE	DATE
Olivier CIVELLI	Will -	1/13/90
FULL NAME OF SECOND JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
James R. BUNZOW	Jano R. Buye	1112/90
FULL NAME OF THIRD JOINT INVENTOR, IF ANY	MENTOR'S SIGNATURE	DATE
David K. Grandy	Dail K Grandy	1/12/90
FULL NAME OF FOURTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
Curtis A. MACHIDA	Cuts A. Macheda	1/18/90
FULL NAME OF FIFTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE

COM	BINED DECLA FOI	R P. NT APPLICATION AND P	OWER OF A. ORIV.	TORNEY'S DOCKET NUMBER				
(Include	es Reference to PCT International Ap	oplications)		OHSU 12				
	A balan							
		entor, I hereby declare that:	y nevt to my name					
	My residence, post office address and citizenship are as stated below next to my name, I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:							
	DOPAMINE RECEPTORS AND GENES							
	the specification of which (ch	eck only one item below):						
	is attached hereto.							
	was filed as United	States application						
	Serial No07/4:	38,544						
	on November 20, 1989							
House the property of the prop	and was amended							
	on (if applicable).							
	was filed as PCT international application							
Man Hand	Number							
81	on							
	and was amended under PCT Article 19							
	on (if applicable).							
e deservire.								
	I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.							
*	I acknowlege the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).							
	for patent or inventor's cert other than the United State for patent or inventor's certi	ity benefits under Title 35. United Sificate or of any PCT international s of America listed below and have a ficate or any PCT international applimerica filed by me on the same subjectly is claimed:	application(s) designating at least also identified below any foreign a cation(s) designating at least one c	one country pplication(s) ountry other				
PRIOR	FOREIGN/PCT APPLICATIONIS) AND ANY PRIORITY CLAIMS UNDER 3	5 U.S.C. 119·					
	COUNTRY (if PCT, indicate PCT")	APPLICATION NUMBER	DATE OF FILING (day month, year)	PRIORITY CLAIMED UNDER 35 USC 119				
	· · · · · · · · · · · · · · · · · · ·			Dvss Dwo				

TYES NO

Combined Declaration For Patent Application and Power of Attorney (Continued) (Includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER OHSU 12

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America that is are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35. United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

U.S. APPLICATION NUM	BER	U.S. FILING DATE		PENDING	ABANDONED
07/273,373	Novem	November 18, 1989		Х	
PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NUMBERS ASSIGNED (if any)			

POWER OF ATTORNEY: As a named inventor, I hereby appoint I. William Millen (19,544); John L. White (17,746); Anthony J. Zelano (27,969); John R. Moses (24,983); Harry B. Shubin (32,004); Brion P. Heaney (32,542); Diana Hamlet-King (33,302); Donald E. Townsend (22,069)

to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Send Correspondence to: MILLEN, WHITE AND ZELANO, P.C.

Telephone No. 243-6333

Direct Telephone Calls to:

Arlington Courthouse Plaza I, Suite 1201 2200 Clarendon Boulevard

Ariington, Virginia 22201

L		Amigion, Virginia 222	· · ·	
, jung	FULL NAME OF INVENTOR	FAMILY NAME CIVELLI	FIRST GIVEN NAME Olivier	SECOND GIVEN NAME
201	RESIDENCE & CITY		STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	CITIZENSHIP	Portland	Oregon	Switzerland
	POST OFFICE	STREET	CITY	STATE & ZIP CODE/COUNTRY
ucus	ADDRESS	3012 N.E. 24th Avenue	Portland	Oregon 97212
	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
		BUNZOW	James	R.
2	RESIDENCE &	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
202	CITIZENSHIP	Portland	Oregon	U.S.A.
	POST OFFICE	STREET	CITY	STATE & ZIP CODE/COUNTRY
	ADDRESS	9904 S.W. 56th Avenue	Portland	Oregon 97219
	FULL NAME	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	OF INVENTOR	GRANDY	David	к.
203	RESIDENCE &	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
		Portland	Oregon	U.S.A.
	POST OFFICE	STREET	CITY	STATE & ZIP CODE/COUNTRY
ı	ADDRESS	3730 S.W. Patton Road	Portland	Oregon 97221
_	E101 NAME	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	FULL NAME OF INVENTOR	MACHIDA	Curtis	A.
4	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
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	POST OFFICE	STREET	CITY	STATE & ZIP CODE/COUNTRY
	ADDRESS	12720 N.W. Lovejoy	Portland	Oregon 97229
Ī.	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
205	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET	СІТҮ	STATE & ZIP CODE/COUNTRY
	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
206	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
1	POST OFFICE	STREET	CITY	STATE & ZIP CODE/COUNTRY

		Declaration For Patent Ap to PCT International Applications)	oplication and Power of Attorney (Continued)	ATTORNEY'S DOCKET NUMBER		
	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME		
207	RESIDENCE &	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP		
	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY		
	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME		
208	RESIDENCE & CITIZENSHIP	СІТУ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP		
	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY		
	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME		
508	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP		
	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY		
	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME		
210	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP		
	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY		
	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME		
211	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP		
	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY		
	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME		
212	RESIDENCE &			COUNTRY OF CITIZENSHIP		
	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201	DATE	SIGNATURE OF INVENTOR	207	DATE
Vall	1/12/90			
SIGNATURE OF INVENTOR 202	DATE	SIGNATURE OF INVENTOR	208	DATE
Jas K. Buyer	1/12/90			
Stonature of Inventor 20	DATE .	SIGNATURE OF INVENTOR	209 .	DATE
SIGNATURE OF INVENTOR 104 Cuts A. Spachel	DATE 1/18/90	SIGNATURE OF INVENTOR	210	DATE
SIGNATURE OF INVENTOR 205	DATE	SIGNATURE OF INVENTOR	211	DATE
SIGNATURE OF INVENTOR 206	DATE	SIGNATURE OF INVENTOR	212	DATE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE (Case No. 90,1092-U) (Formerly, OHSU-18-D1)

In the Applic	ation of:)		PATENT
	CIVELLI et al.))	Before the Examiner: John Ulm	
Serial No.:	08/474,892)	voim onn	
Filed:	June 7, 1995	,)	Group Art Unit: 1812	
For:	DOPAMINE RECEPTORS	j		
	AND GENES)		
Asst. Commis	sioner for Patents			

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST

As assignee of record of the entire interest of the above identified

X application

patent

Washington, DC 20231

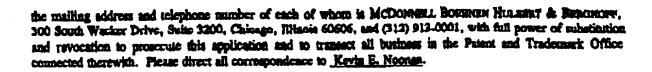
REVOCATION OF PRIOR POWERS OF ATTORNEY

(REVOCATION OF PRIOR POWERS)

all powers of attorney previously given are hereby revoked and

NEW POWER OF ATTORNEY

The undersigned hereby appoints the following:



KVIDENCE AND CERTIFICATION OF CHAIN OF TITLE

X Recorded in PTO on January 22, 1990	ded in PTO on January 22, 1990	1990
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Reel 5239
Frame 107

Recorded herewith.

ASSIGNEE CERTIFICATION

In accordance with 37 C.F.R. § 3.73 the assignee hereby certifies that the evidentiary documents with respect to its ownership have been reviewed and that, to the best of assignee's knowledge and belief, title is in the assignee seeking to take this action.

Date:

Name:

Sandra Shorwell, Ph.D.

Title:

Director, Office of Technology Management